#### SPRING 2018 MEETING: MARCH 25 TO MARCH 29

Omni William Penn Hotel; Pittsburgh, Pennsylvania USA

-- Room locations designated as (1), (2), etc., indicate the "button to press" in the elevator.

For instance, a room on (1) is located on First Level, and a room on (2) is located on Second Level.

#### KEY

Note: A PC projector will be furnished in each meeting room. Arrive early to ensure equipment operates/syncs correctly.

- > = activity continued into another session / from another session
- ++ = not a Transformers Committee activity
- TBD = To Be Determined

#### TRACK LEGEND

Administrative SC	Ins Life	Insulation Life SC
Bushings SC	Instr TR	Instrument Transformers SC
Dielectric Tests SC	Mtgs	Meetings Planning SC
Distribution Transformers SC	PCS	Performance Characteristics SC
Dry Type Transformers SC	Power	Power Transformers SC
HVDC Converter Transfs. and Smoothing Reactors SC	STNP	Submersible Transf. & Network Protectors SC
Insulating Fluids SC	Stds	Standards SC
	Bushings SC Dielectric Tests SC Distribution Transformers SC Dry Type Transformers SC HVDC Converter Transfs. and Smoothing Reactors SC	Bushings SC Instr TR  Dielectric Tests SC Mtgs  Distribution Transformers SC PCS  Dry Type Transformers SC Power  HVDC Converter Transfs. and Smoothing Reactors SC STNP

#### STATUS LEGEND

N	New
I	In-Progress
NC	Near Completion
В	Ballot Stage

#### **THURSDAY, MARCH 22**

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
8:00 AM - 5:00 PM	IEC MT 60076-4 Impulse Test Guide	++	T. Hochanh	_	Bedford (17)

### FRIDAY, MARCH 23

No Meeting Registration, Technical Tours, Spouse/Companion Tours, or Social Events Planned					
TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS ROOM (FLOOR)	
8:00 AM - 5:00 PM	IEC MT 60076-4 Impulse Test Guide	++	T. Hochanh	<ul><li>Bedford (17)</li></ul>	

#### **SATURDAY, MARCH 24**

No Registration and no	No Registration and no Meetings, Technical Tours, or Spouse/Companion Tours Planned						
TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS ROOM (FLOOR)			
6:15 PM - ???	Early Bird Event: Teguila Cowboy's Little Red Corvette	Social					

- Advance on-line registration required
- Meet in hotel lobby at 6:15 PM; group will take the "T" together (2.5 miles / 10 minutes by car)
- Order off the menu and enjoy 80's/90's music, karaoke bar, mechanical bull riding and big screen TVs
- See flyer for details

#### **SUNDAY, MARCH 25**

No Spouse/Companion Tours Planned	
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TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS ROOM (FLOOR)
9:00 AM - 1:30 PM	Technical Tour: Pennsylvania Transf. Technology, Inc.	Tech Tour		

- Power transformer manuf facility meeting attendees and spouses/companions by invitation only
- Bus departs from Grant Street hotel entrance at 9:00 AM and returns ~1:30 PM; special return by 12:45 PM upon request
- Lunch served at factory
- On-line meeting registration will include a field to indicate interest in attending with follow up by a PTTI representative within one week; see flyer for details
- Contact Mr. Ira Bradford at +1.724.873.2594 or ibradford@patransformer.com for additional information

1:00 PM - 5:30 PM	Meeting Registration				Registration (17)
1:00 PM - 4:30 PM	Administrative Subcommittee  – Closed Meeting, by invitation only	Admin	S. McNelly	-	Monongahela (17)
2:00 PM - 5:00 PM	NEMA Transformers  – Closed Meeting, by invitation only	++	J. Caskey	-	Allegheny (17)
5:00 PM - 9:30 PM	100 Year Celebration Reception & Dinner				Urban/Grand Ballroom (17)

5:00 PM - 9:30 PM 100 Year Celebration Reception & Dinner

- Advance on-line registration required no free Sunday night reception at this meeting; admission verified with RFID badge at the door prior to entering reception (registration will remain open to accommodate
- Evening begins with a reception, followed by a 3 course dinner, entertainment and special awards
- Entertainment by Don McMillan, named "#1 Corporate Comedian" by the CBS Business Net
- All celebration attendees receive a commemorative booklet and gift
- See flyer for details

N	New
1	In-Progress
NC	Near Completion
В	Ballot Stage

SPRING 2018 MEETING: MARCH 25 TO MARCH 29

Omni William Penn Hotel; Pittsburgh, Pennsylvania USA

### MONDAY, MARCH 26 - Monday Breaks Sponsored by HV Technologies \*\*

No Social Events Planne	d				
TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
7:00 AM - 5:00 PM	Meeting Registration				Registration (17)
7:00 AM - 7:50 AM	Newcomers Orientation		B. Forsyth	_	Three Rivers (WP)
	– Breakfast Meeting; arrive early!				
	– Newcomers & Guests are encouraged to attend!				
7:00 AM - 7:50 AM	Distribution & STNP SC Leaders Coordination	Distr/STNP	S. Shull / D. Mulkey	-	Riverboat (WP)
	<ul> <li>Closed breakfast meeting, by invitation only</li> </ul>				
7:00 AM - 8:00 AM	Breakfast - Attendees (no spouses/companions please)				William Penn Ballrm (WP)
8:00 AM - 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees				Lawrence Welk (Mezz)
8:00 AM - 9:15 AM	Opening Session		S. McNelly	-	Grand Ballroom (17)
– All attendee	s are encouraged to attend				
	e document for meeting agenda				
	required to maintain Committee Member status.				
	Spouses/Companions Tour: Fallingwater	Tour			
	-line registration required from Grant Street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30 PM; incode the street hotel entrance at 9:15 AM and returns $\sim$ 4:30	cludes lunch			
9:15 AM - 9:30 AM	Break (beverages only)**				17th Floor & Conf. Level
** Contact Ed Smith (ed	smith@ieee.org) if you are interested in sponsoring a day of cof	fee breaks at a	future meeting.		
9:30 AM - 10:45 AM	WG Tertiary/Stabilizing Windings PC57.158	PCS	E. Betancourt	В	Allegheny (17)
9:30 AM - 10:45 AM	WG Consolidation Insulating Fluid Guides PC57.166	IF	T. Prevost	N	Conf. Center A (CL)
9:30 AM - 10:45 AM	TF External Dielectric Clearances	DiTests	E. Davis	-	Conf. Center B (CL)
9:30 AM - 10:45 AM	TF Transf Efficiency & Loss Evaluation (DOE Activity)	Distr	P. Hopkinson	I	Frick (CL)
9:30 AM - 10:45 AM	TF LTC Field Tests	PCS	M. Ferreira	N	Monongahela (17)
9:30 AM - 10:45 AM	WG Themal Evaluation C57.100	Ins Life	R. Wicks	N	Urban (17)
10:45 AM - 11:00 AM	Break (beverages only)				17th Floor & Conf. Level
11:00 AM - 12:15 PM	WG Bushings Gen. Require. C57.19.00	Bush	P. Zhao	1	Allegheny (17)
11:00 AM - 12:15 PM	WG Control Cabinets PC57.148	Power	J. Watson	I	Conf. Center A (CL)
11:00 AM - 12:15 PM	WG Ventilated Dry Type PC57.12.51	Dry Type	S. Som	ı	Conf. Center B (CL)
	WG Overhead Distr. Transf. C57.12.20	Distr	A. Traut	I	Frick (CL)
	WG Moisture in Insulation PC57.162	Ins Life	T. Prevost	ļ	Monongahela (17)
	TF PCS Cont. Rev. to Test Code C57.12.90	PCS	H. Sahin	-	Urban (17)
12:15 PM - 1:30 PM	Standards Development Review Luncheon				William Penn Ballrm (WP)
	come to attend. All SC/WG/TF leaders are highly encouraged to attend.				
	ng. Advance registration required. Admission verified with RFID badge a	it the door. To I	sten to the presentation, w	vithout	
	arrive by 12:30 pm.				AU 1 (47)
1:45 PM - 3:00 PM	Open To Control				Allegheny (17)
1:45 PM - 3:00 PM	WG Installation of Power Transf. C57.93	Power	M. Lau	В	Conf. Center A (CL)
1:45 PM - 3:00 PM	WG 1 ph Podro pust Dist Transf C57.12.01	Dry Type	C. Ballard	1	Conf. Center B (CL)
1:45 PM - 3:00 PM	WG 1-ph Padmount Dist Transf. C57.12.38  TF Audible Sound Revision to Test Code	Distr PCS	A. Ghafourian	ı	Frick (CL)
1:45 PM - 3:00 PM 1:45 PM - 3:00 PM	WG Thru-Fault Current Duration PC57.109	PCS	R. Girgis V. Mehrotra	<u>–</u> В	Monongahela (17) Urban (17)
		PC3	v. Memotra	Б	
3:00 PM - 3:15 PM 3:15 PM - 4:30 PM	Break (beverages and treats) WG on Loss Measurement C57.123	PCS	E. teNyenhuis	N	17th Floor & Conf. Level Allegheny (17)
3:15 PM - 4:30 PM	WG Transformer Monitoring C57.123	Power	M. Spurlock	I	Conf. Center A (CL)
3:15 PM - 4:30 PM	SC HVDC Converter Transfs & Smoothing Reactors	HVDC	M. Sharp		Conf. Center B (CL)
3:15 PM - 4:30 PM	WG 3-ph Padmount Dist Transf. C57.12.34	Distr	R. Stahara		Frick (CL)
3:15 PM - 4:30 PM	WG Bushing Applicat. Guide C57.19.100	Bush	T. Spitzer	i I	Monongahela (17)
3:15 PM - 4:30 PM	TF PD Limits for Factory Tests	DiTests	V. Mehrotra	_	Urban (17)
4:30 PM - 4:45 PM	Break (beverages only)		<del>-</del>		17th Floor & Conf. Level
4:45 PM - 6:00 PM	WG on Neutral Grounding Devices PC57.32	PCS	S. Panetta	N	Allegheny (17)
4:45 PM - 6:00 PM	WG Dry Type Reactors PC57.16	Dry Type	A. Del Rio	1	Conf. Center A (CL)
4:45 PM - 6:00 PM	WG Sec. Network Protectors C57.12.44	STNP	M. Faulkner	NC	Conf. Center B (CL)
4:45 PM - 6:00 PM	WG Step-Voltage Regulators C57.15 / 60076-21	Distr	C. Colopy	NC	Frick (CL)
4:45 PM - 6:00 PM	TF High Temp Liquid Transformers C57.154	Ins Life	R. Marek	N	Monongahela (17)
4:45 PM — 6:00 PM	TE DCS Cont. Povisions to CE7 12 00	DCS	T Ansari		Urban (17)

- 6:15 PM 10:00 PM Technical Tour: Mitsubishi Electric Power Products, Inc.
- DiTests Tech Tour

T. Ansari

T. Hochanh

PCS

- Headquarters, Electrical Distribution Division and High Voltage Switchgear Division's manufacturing facilities meeting attendees and spouses/companions by invitation only
- Bus departs from Grant Street hotel entrance at 6:15 PM and returns ~10:00 PM

WG PD in Bushings & PT/CTs PC57.160 ( WILL NOT MEET)

- Dinner served at factory prior to tour

4:45 PM - 6:00 PM

4:45 PM - 6:00 PM TF PCS Cont. Revisions to C57.12.00

- On-line meeting registration system will include a field to indicate interest in attending with follow up by a Mitsubishi representative within one week; see flyer for details
- Contact Mrs. Brooke Schwartzel at +1.724.742.3438 or brooke.schwartzel@meppi.com for additional information.

Urban (17)

В

SPRING 2018 MEETING: MARCH 25 TO MARCH 29 Omni William Penn Hotel; Pittsburgh, Pennsylvania USA

## TUESDAY, MARCH 27 - Tuesday Breaks Sponsored by Baron USA \*\*

No Technical Tours or Sc	ocial Events Planned				
TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
7:00 AM - 11:30 AM	Meeting Registration				Registration (17)
7:00 AM - 7:50 AM	EL&P Delegation (End-users only please)		J. Murphy	-	Three Rivers (WP)
	<ul><li>Breakfast Meeting; arrive early!</li></ul>				
7:00 AM - 8:00 AM	Breakfast - Attendees (no spouses/companions please)				William Penn Ballrm (WP)
8:00 AM - 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees				Lawrence Welk (Mezz)
9:15 AM - 4:30 PM	Spouses/Companions Tour: Gems of Pittsburgh	Tour			
– Advance or	n-line registration required				
– Bus depart	s from Grant Street hotel entrance at 9:15 AM and returns ~4:	30 PM; include:	s lunch		
– See flyer fo	r details				
8:00 AM - 9:15 AM	TF on Winding Insulation PF	DiTests	D. Robalino	_	Allegheny (17)
8:00 AM - 9:15 AM	WG Dry Type PD Detection PC57.124	Dry Type	T. Prevost / R. Marek	I	Conf. Center A (CL)
8:00 AM - 9:15 AM	WG Station Service Volt. Transf. C57.13.8	Instr TR	D. Wallace	I	Conf. Center B (CL)
8:00 AM - 9:15 AM	WG Encl Int C57.12.28, C57.12.29, C57.12.31, C57.12.32	Distr	D. Mulkey	I	Frick (CL)
8:00 AM - 9:15 AM	WG LTCs C57.131/60214-1	Power	C. Colopy	N	Monongahela (17)
8:00 AM - 9:15 AM	WG Wind Turbine Generator Transformers, P60076-16	PCS	P. Hopkinson	В	Urban (17)
9:15 AM - 9:30 AM	Break (beverages only)				17th Floor & Conf. Level
9:30 AM - 10:45 AM	WG Shunt Reactors C57.21	PCS	S. Som	1	Allegheny (17)
9:30 AM - 10:45 AM	WG 1-Ph Submersible Transf. C57.12.23	STNP	A. Traut	NC	Conf. Center A (CL)
9:30 AM - 10:45 AM	WG Tests for Instrument Transf. C57.13.5	Instr TR	P. Riffon	1	Conf. Center B (CL)
9:30 AM - 10:45 AM	WG Temp Measurement PC57.165	Ins Life	P. McClure	1	Frick (CL)
9:30 AM - 10:45 AM	TF Low Frequency Test Guide	DiTests	D. Sauer	N	Monongahela (17)
9:30 AM - 10:45 AM	TF Condition Assessment Guide	Power	B. Sparling	1	Urban (17)
10:45 AM - 11:00 AM	Break (beverages only)				17th Floor & Conf. Level
11:00 AM - 12:15 PM	WG Semicond. Power Rectifier Transfs C57.18.10	PCS	S. Kennedy	1	Allegheny (17)
11:00 AM - 12:15 PM	WG Liquid-immersed Sec. Network TRs C57.12.40	STNP	B. Klaponski	N	Conf. Center A (CL)
11:00 AM - 12:15 PM	WG Distrib. Transf. Bushings PC57.19.02	Bush	S. Shull	1	Conf. Center B (CL)
11:00 AM - 12:15 PM	WG PLC Caps & CCVTs PC57.13.9	Instr TR	Z. Roman	1	Frick (CL)
11:00 AM - 12:15 PM	WG PD Acoustic Detection C57.127	DiTests	D. Gross	1	Monongahela (17)
11:00 AM - 12:15 PM	WG Transportation Issues C57.150	Power	G. Anderson	1	Urban (17)
11:00 AM - 12:15 PM	TF Impact of Different Oils on TR Performance	PCS	E. teNyenhuis	N	Sky (17)
12:15 PM - 1:30 PM	Awards Luncheon				William Penn Ballrm (WP

Doors open ~12:00 pm. Come early, get a good seat, and start eating. Advance registrration is required. Admission verified with RFID badge at the door. Mtg attendees are encouraged to attend to show appreciation and recognize accomplishments.

1:45 PM - 3:00 PM	TF Cont. Revision to Low Frequency Tests	DiTests	B. Griesacker	-	Allegheny (17)
1:45 PM - 3:00 PM	WG Submersible Transf. C57.12.24	STNP	G. Termini	N	Conf. Center A (CL)
1:45 PM - 3:00 PM	WG Therm Eval of Insul Systems, Dry Type C57.12.60	Dry Type	R. Wicks	I	Conf. Center B (CL)
1:45 PM - 3:00 PM	WG Instrument Transf. Tests PC57.12.2	Instr TR	T. Sizemore	I	Frick (CL)
1:45 PM - 3:00 PM	WG 3-ph Transf. Connections PC57.105	PCS	R. Verdolin	I	Monongahela (17)
1:45 PM - 3:00 PM	WG Tap Changer Applicat. Guide 60214-2	Power	C. Colopy	В	Urban (17)
3:00 PM - 3:15 PM	Break (beverages and pretzels)				17th Floor & Conf. Level
3:15 PM - 4:30 PM	WG Gas Interpretation Guide C57.104	IF	C. Beauchemin	В	Allegheny (17)
3:15 PM - 4:30 PM	WG Partial Discharge Test - C57.113	DiTests	A. Naderian	N	Conf. Center A (CL)
3:15 PM - 4:30 PM	WG Std Terminal Markings C57.12.70	Stds	S. Shull	I	Conf. Center B (CL)
3:15 PM - 4:30 PM	TF V/Hz Requirements	Power	K. Yule	N	Frick (CL)
3:15 PM - 4:30 PM	WG High-Temp Insulat. Materials, P-1276	Ins Life	R. Wicks	I	Monongahela (17)
3:15 PM - 4:30 PM	WG Sw Transients Ind by TR/Bkr Interaction PC57.142	PCS	J. McBride	N	Urban (17)
4:30 PM - 4:45 PM	Break (beverages only)				17th Floor & Conf. Level
4:45 PM - 6:00 PM	TF Rev to Imp. Test Sect of C57.12.00 & C57.12.90	DiTests	P. Riffon	_	Allegheny (17)
4:45 PM - 6:00 PM	WG Dry Type Test Code C57.12.91	Dry Type	D. Walker	I	Conf. Center A (CL)
4:45 PM - 6:00 PM	WG Std Transf. Terminology C57.12.80	Stds	C. Claiborne	ı	Conf. Center B (CL)
4:45 PM - 6:00 PM	TF Bushing Overload	Bush	M. Weisensee	N	Frick (CL)
4:45 PM - 6:00 PM	WG Loading Guide PC57.91	Ins Life	D. Wallach	ı	Monongahela (17)
4:45 PM - 6:00 PM	WG Short Circuit Withstand PC57.164	PCS	S. Patel	1	Urban (17)
4:45 PM - 6:00 PM	TF Guide for Monitoring Distribution Transformers	Distr	TBD	N	Sky (17)

SPRING 2018 MEETING: MARCH 25 TO MARCH 29 Omni William Penn Hotel; Pittsburgh, Pennsylvania USA

WEDNESDAY, MARCH 28 - Wednesday Breaks Sponsored by Central Moloney, Inc. \*\*

No Meeting Registration, Spouse/Companion Tours, or Social Events Planned						
TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)	
7:00 AM - 8:00 AM	Breakfast - Attendees (no spouses/companions please)				William Penn Ballrm (WP)	
7:00 AM - 8:00 AM	SC Meetings Planning	Mtgs	T. Behrens	-	Riverboat (WP)	
7:00 AM - 8:00 AM	IEC TC-14 Technical Advisory Group	++	P. Hopkinson	_	Three Rivers (WP)	
	<ul> <li>Breakfast meeting; arrive early</li> </ul>					
	<ul> <li>All interested individuals welcome</li> </ul>					
8:00 AM - 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees				Lawrence Welk (Mezz)	
8:00 AM - 9:15 AM	SC Instrument Transformers	Instr TR	R. McTaggart	_	Monongahela (17)	
8:00 AM - 9:15 AM	SC Insulation Life	Ins Life	S. Kennedy	_	Urban (17)	
9:15 AM - 9:30 AM	Break (beverages only)				17th Floor	
9:30 AM - 10:45 AM	SC Distribution Transformers	Distr	S. Shull	_	Monongahela (17)	
9:30 AM - 10:45 AM	SC Bushings	Bush	P. Zhao	-	Urban (17)	
10:45 AM - 11:00 AM	Break (beverages only)				17th Floor	
11:00 AM - 12:15 PM	SC Submersible Transf. & Network Protectors	STNP	D. Mulkey	-	Monongahela (17)	
11:00 AM - 12:15 PM	SC Dielectric Test	DiTests	A. Varghese	_	Urban (17)	
12:15 PM - 1:30 PM	Lunch (on your own)					
1:30 PM - 2:45 PM	SC Dry Type Transformers	Dry Type	C. Johnson	-	Monongahela (17)	
1:30 PM - 2:45 PM	SC Power Transformers	Power	B. Griesacker	_	Urban (17)	
2:45 PM - 3:00 PM	Break (beverages and treats)				17th Floor	
3:00 PM - 4:15 PM	SC Insulating Fluids	IF	D. Wallach	_	Monongahela (17)	
3:00 PM - 4:15 PM	SC Performance Characteristics	PCS	C. Stiegemeier	_	Urban (17)	
4:15 PM - 4:30 PM	Break (beverages only)				17th Floor	
4:30 PM - 5:45 PM	SC Standards	Stds	J. Murphy	_	Monongahela (17)	
6:15 PM - 10:30 PM	Technical Tour: ABB Inc.	Tech Tour				

- High Voltage North American headquarters, High Voltage Breakers and Surge Arresters manufacturing facilities meeting attendees and spouses/companions by invitation only
- Bus departs from Grant Street hotel entrance at 6:15 PM and returns ~10:30 PM
- Dinner served at factory prior to tour
- On-line meeting registration system will include a field to indicate interest in attending with follow up by an ABB representative within one week; see flyer for details
- $\ Contact \ Ms. \ Charlotte \ Buccardo \ at \ +1.724.696.1512 \ or \ charlotte. buccardo \ @us. abb. com \ for \ additional \ information$

### **THURSDAY, MARCH 29**

TIME	n, Technical Tours, Spouse/Companion Tours, or Social Events ACTIVITY	TRACK	MTG CHAIR	STATUS ROOM (FLOOR)
7:00 AM - 8:00 AM	Breakfast - Attendees (no spouses/companions please)			William Penn Ballrm (WP)
8:00 AM - 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees plea	ase)		Lawrence Welk (Mezz)
8:00 AM - 9:15 AM	Technical Presentation 1	Tutorial		Grand Ballroom (17)
	Statistical Methods for Transformer Condition Assessment			
	By: Luiz Cheim (ABB), Jim Dukarm (Delta-X Research), and Tom	Rhodes (Duke E	Energy)	
	See Flyer on Website **			
9:15 AM - 9:30 AM	Break (beverages only)			17th Floor
9:30 AM - 10:45 AM	Technical Presentation 2	Tutorial		Grand Ballroom (17)
	Distribution Transformer Quality Assurance			
	By: Thomas Champion (NEETRAC), Yamille del Valle (NEETRAC)	and Dean Willia	nms (NEETRAC)	
	See Flyer on Website **			
10:45 AM - 11:00 AM	Break (beverages only)			17th Floor
11:00 AM - 12:00 PM	Closing Session			Grand Ballroom (17)
	All attendees are encouraged to attend			
	See separate document for meeting agenda			
12:00 PM	Lunch (on your own)			
* Contact Tom Prevos	t (torevost@ieee.org) if you are interested in making a technic	al presentation	n at a future meeting	

<sup>\*\*</sup> Contact Tom Prevost (tprevost@ieee.org) if you are interested in making a technical presentation at a future meeting.

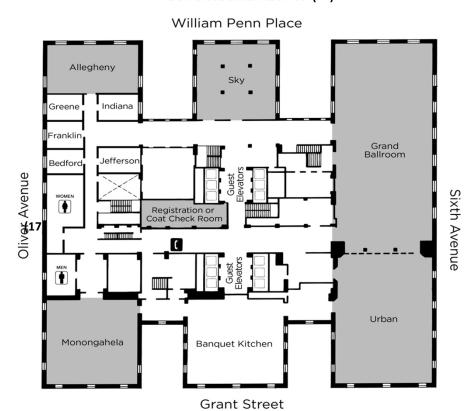
#### **FUTURE COMMITTEE MEETINGS**

Fall 2018: October 14-18; Jacksonville, Florida USA

Spring 2019: March 10-14 or 17-21 or 24-28; USA Location, to be determined

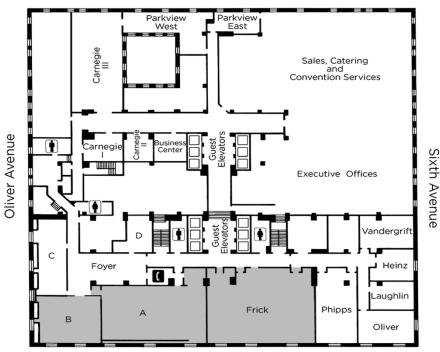
SPRING 2018 MEETING: MARCH 25 TO MARCH 29 Omni William Penn Hotel; Pittsburgh, Pennsylvania USA

### Seventeenth Level (17)



# Conference Level (CL)

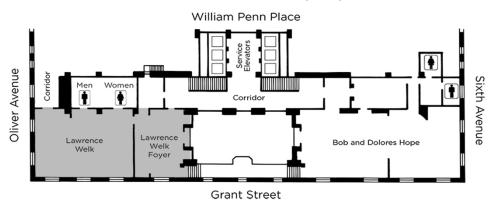
William Penn Place



**Grant Street** 

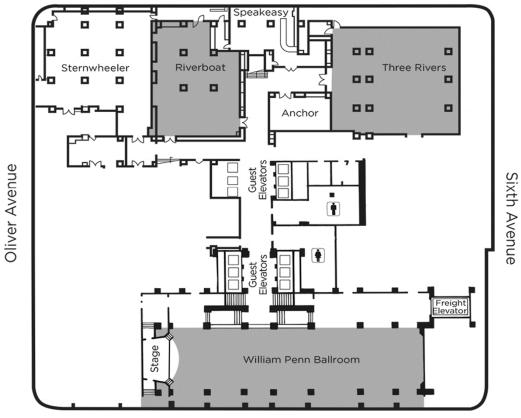
SPRING 2018 MEETING: MARCH 25 TO MARCH 29 Omni William Penn Hotel; Pittsburgh, Pennsylvania USA

## Mezzanine Level (MEZZ)



## William Penn Level (WP)

### William Penn Place



**Grant Street** 

### SUBCOMMITTEE MEETING LIST

## SPRING 2018 MEETING: MARCH 25 TO MARCH 29 Omni William Penn Hotel; Pittsburgh, Pennsylvania USA

Date	Time Start	Time End	Session Title	Track	Chair	Room/Location
3/25/2018	1:00 PM	4:30 PM	Administrative Subcommittee	Admin	S. McNelly	Monongahela (17)
0/20/2010	1.0011	1.00 T W	Closed Meeting, by invitation only	, tarriiri	C. Mortony	Monoriganica (17)
3/26/2018	11:00 AM	12:15 PM	WG Bushings Gen. Require. C57.19.00	Bush	P. Zhao	Allegheny (17)
3/26/2018	3:15 PM	4:30 PM	WG Bushing Applicat. Guide C57.19.100	Bush	T. Spitzer	Monongahela (17)
3/27/2018	11:00 AM	12:15 PM	WG Distrib. Transf. Bushings PC57.19.02	Bush	S. Shull	Conf. Center B (CL)
3/27/2018	4:45 PM	6:00 PM	TF Bushing Overload	Bush	M. Weisensee	Frick (CL)
3/28/2018	9:30 AM	10:45 AM	SC Bushings	Bush	P. Zhao	Urban (17)
0/00/0040	0.00.444	40.45.414	TE To a ( E( ) ) and E a Latin ( DOE A ( ) )	Dist	Bulletter	F:: (01)
3/26/2018	9:30 AM	10:45 AM	TF Transf Efficiency & Loss Evaluation (DOE Activity)	Distr	P. Hopkinson	Frick (CL)
3/26/2018	11:00 AM	12:15 PM	WG Overhead Distr. Transf. C57.12.20	Distr	A. Traut	Frick (CL)
3/26/2018	1:45 PM	3:00 PM	WG 1-ph Padmount Dist Transf. C57.12.38	Distr	A. Ghafourian	Frick (CL)
3/26/2018	3:15 PM	4:30 PM	WG 3-ph Padmount Dist Transf. C57.12.34	Distr	R. Stahara	Frick (CL)
3/26/2018	4:45 PM	6:00 PM	WG Step-Voltage Regulators C57.15 / 60076-21	Distr	C. Colopy	Frick (CL)
3/27/2018	8:00 AM	9:15 AM	WG Encl Int C57.12.28, C57.12.29, C57.12.31, C57.12.32	Distr	D. Mulkey	Frick (CL)
3/27/2018	4:45 PM	6:00 PM	TF Guide for Monitoring Distribution Transformers	Distr	TBD	Sky (17)
3/28/2018	9:30 AM	10:45 AM	SC Distribution Transformers	Distr	S. Shull	Monongahela (17)
3/26/2018	7:00 AM	7:50 AM	Distribution & STNP SC Leaders Coordination  – Closed breakfast meeting, by invitation only	Distr/STNP	S. Shull / D. Mulk	∈Riverboat (WP)
3/26/2018	9:30 AM	10:45 AM	TF External Dielectric Clearances	DiTests	E. Davis	Conf. Center B (CL)
3/26/2018	3:15 PM	4:30 PM	TF PD Limits for Factory Tests	DiTests	V. Mehrotra	Urban (17)
3/26/2018	4:45 PM	6:00 PM	WG PD in Bushings & PT/CTs PC57.160 ( WILL NOT MEET)	DiTests	T. Hochanh	, ,
3/27/2018	8:00 AM	9:15 AM	TF on Winding Insulation PF	DiTests	D. Robalino	Allegheny (17)
3/27/2018	9:30 AM	10:45 AM	TF Low Frequency Test Guide	DiTests	D. Sauer	Monongahela (17)
3/27/2018	11:00 AM	12:15 PM	WG PD Acoustic Detection C57.127	DiTests	D. Gross	Monongahela (17)
3/27/2018	1:45 PM	3:00 PM	TF Cont. Revision to Low Frequency Tests	DiTests	B. Griesacker	Allegheny (17)
3/27/2018	3:15 PM	4:30 PM	WG Partial Discharge Test - C57.113	DiTests	A. Naderian	Conf. Center A (CL)
3/27/2018	4:45 PM	6:00 PM	TF Rev to Imp. Test Sect of C57.12.00 & C57.12.90	DiTests	P. Riffon	Allegheny (17)
3/28/2018	11:00 AM	12:15 PM	SC Dielectric Test	DiTests	A. Varghese	Urban (17)
3/20/2010	11.00 AW	12.13 I W	SO Dielectric rest	Dirests	_	Olbali (17)
3/26/2018	11:00 AM	12:15 PM	WG Ventilated Dry Type PC57.12.51	Dry Type	S. Som	Conf. Center B (CL)
3/26/2018	1:45 PM	3:00 PM	WG Dry Type Gen. Requirements C57.12.01	Dry Type	C. Ballard	Conf. Center B (CL)
3/26/2018	4:45 PM	6:00 PM	WG Dry Type Reactors PC57.16	Dry Type	A. Del Rio	Conf. Center A (CL)
3/27/2018	8:00 AM	9:15 AM	WG Dry Type PD Detection PC57.124	Dry Type	T. Prevost / R. Ma	a Conf. Center A (CL)
3/27/2018	1:45 PM	3:00 PM	WG Therm Eval of Insul Systems, Dry Type C57.12.60	Dry Type	R. Wicks	Conf. Center B (CL)
3/27/2018	4:45 PM	6:00 PM	WG Dry Type Test Code C57.12.91	Dry Type	D. Walker	Conf. Center A (CL)
3/28/2018	1:30 PM	2:45 PM	SC Dry Type Transformers	Dry Type	C. Johnson	Monongahela (17)
3/26/2018	3:15 PM	4:30 PM	SC HVDC Converter Transfs & Smoothing Reactors	HVDC	M. Sharp	Conf. Center B (CL)
3/26/2018	9:30 AM	10:45 AM	WG Consolidation Insulating Fluid Guides PC57.166	IF	T. Prevost	Conf. Center A (CL)
3/27/2018	3:15 PM	4:30 PM	WG Gas Interpretation Guide C57.104	IF	C. Beauchemin	Allegheny (17)
3/28/2018	3:00 PM	4:30 PM	SC Insulating Fluids	IF	D. Wallach	Monongahela (17)
						- ' '
3/26/2018	9:30 AM	10:45 AM	WG Themal Evaluation C57.100	Ins Life	R. Wicks	Urban (17)
3/26/2018	11:00 AM	12:15 PM	WG Moisture in Insulation PC57.162	Ins Life	T. Prevost	Monongahela (17)
3/26/2018	4:45 PM	6:00 PM	TF High Temp Liquid Transformers C57.154	Ins Life	R. Marek	Monongahela (17)
3/27/2018	9:30 AM	10:45 AM	WG Temp Measurement PC57.165	Ins Life	P. McClure	Frick (CL)
3/27/2018	3:15 PM	4:30 PM	WG High-Temp Insulat. Materials, P-1276	Ins Life	R. Wicks	Monongahela (17)
3/27/2018	4:45 PM	6:00 PM	WG Loading Guide PC57.91	Ins Life	D. Wallach	Monongahela (17)
3/28/2018	8:00 AM	9:15 AM	SC Insulation Life	Ins Life	S. Kennedy	Urban (17)
3/27/2018	8:00 AM	9:15 AM	WG Station Service Volt. Transf. C57.13.8	Instr TR	D. Wallace	Conf. Center B (CL)
3/27/2018	9:30 AM	10:45 AM	WG Tests for Instrument Transf. C57.13.5	Instr TR	P. Riffon	Conf. Center B (CL)
3/27/2018	11:00 AM	12:15 PM	WG PLC Caps & CCVTs PC57.13.9	Instr TR	Z. Roman	Frick (CL)
3/27/2018	1:45 PM	3:00 PM	WG Instrument Transf. Tests PC57.12.2	Instr TR	T. Sizemore	Frick (CL)
3/28/2018	8:00 AM	9:15 AM	SC Instrument Transformers	Instr TR	R. McTaggart	Monongahela (17)
3/28/2018	7:00 AM	8:00 AM	SC Meetings Planning  – Breakfast Meeting; arrive early!	Mtgs	T. Behrens	Riverboat (WP)

### SUBCOMMITTEE MEETING LIST

## SPRING 2018 MEETING: MARCH 25 TO MARCH 29 Omni William Penn Hotel; Pittsburgh, Pennsylvania USA

Date	Time Start	Time End	Session Title	Track	Chair	Room/Location
3/26/2018	9:30 AM	10:45 AM	TF LTC Field Tests	PCS	M. Ferreira	Monongahela (17)
3/26/2018	9:30 AM	10:45 AM	WG Tertiary/Stabilizing Windings PC57.158	PCS	E. Betancourt	Allegheny (17)
3/26/2018	11:00 AM	12:15 PM	TF PCS Cont. Rev. to Test Code C57.12.90	PCS	H. Sahin	Urban (17)
3/26/2018	1:45 PM	3:00 PM	TF Audible Sound Revision to Test Code	PCS	R. Girgis	Monongahela (17)
3/26/2018	1:45 PM	3:00 PM	WG Thru-Fault Current Duration PC57.109	PCS	V. Mehrotra	Urban (17)
3/26/2018	3:15 PM	4:30 PM	WG on Loss Measurement C57.123	PCS	E. teNyenhuis	Allegheny (17)
3/26/2018	4:45 PM	6:00 PM	TF PCS Cont. Revisions to C57.12.00	PCS	T. Ansari	Urban (17)
3/26/2018	4:45 PM	6:00 PM	WG on Neutral Grounding Devices PC57.32	PCS	S. Panetta	Allegheny (17)
3/27/2018	8:00 AM	9:15 AM	WG Wind Turbine Generator Transformers, P60076-16	PCS	P. Hopkinson	Urban (17)
3/27/2018	9:30 AM	10:45 AM	WG Shunt Reactors C57.21	PCS	S. Som	Allegheny (17)
3/27/2018	11:00 AM	12:15 PM	TF Impact of Different Oils on TR Performance	PCS	E. teNyenhuis	Sky (17)
3/27/2018	11:00 AM	12:15 PM	WG Semicond. Power Rectifier Transfs C57.18.10	PCS	S. Kennedy	Allegheny (17)
3/27/2018	1:45 PM	3:00 PM	WG 3-ph Transf. Connections PC57.105	PCS	R. Verdolin	Monongahela (17)
3/27/2018	3:15 PM	4:30 PM	WG Sw Transients Ind by TR/Bkr Interaction PC57.142	PCS	J. McBride	Urban (17)
3/27/2018	4:45 PM	6:00 PM	WG Short Circuit Withstand PC57.164	PCS	S. Patel	Urban (17)
3/28/2018	3:00 PM	4:15 PM	SC Performance Characteristics	PCS	C. Stiegemeier	Urban (17)
3/26/2018	11:00 AM	12:15 PM	WG Control Cabinets PC57.148	Power	J. Watson	Conf. Center A (CL)
3/26/2018	1:45 PM	3:00 PM	WG Installation of Power Transf. C57.93	Power	M. Lau	Conf. Center A (CL)
3/26/2018	3:15 PM	4:30 PM	WG Transformer Monitoring C57.143	Power	M. Spurlock	Conf. Center A (CL)
3/27/2018	8:00 AM	9:15 AM	WG LTCs C57.131/60214-1	Power	C. Colopy	Monongahela (17)
3/27/2018	9:30 AM	10:45 AM	TF Condition Assessment Guide	Power	B. Sparling	Urban (17)
3/27/2018	11:00 AM	12:15 PM	WG Transportation Issues C57.150	Power	G. Anderson	Urban (17)
3/27/2018	1:45 PM	3:00 PM	WG Tap Changer Applicat. Guide 60214-2	Power	C. Colopy	Urban (17)
3/27/2018	3:15 PM	4:30 PM	TF V/Hz Requirements	Power	K. Yule	Frick (CL)
3/28/2018	1:30 PM	2:45 PM	SC Power Transformers	Power	B. Griesacker	Urban (17)
3/27/2018	3:15 PM	4:30 PM	WG Std Terminal Markings C57.12.70	Stds	S. Shull	Conf. Center B (CL)
3/27/2018	4:45 PM	6:00 PM	WG Std Transf. Terminology C57.12.80	Stds	C. Claiborne	Conf. Center B (CL)
3/28/2018	4:30 PM	5:45 PM	SC Standards	Stds	J. Murphy	Monongahela (17)
3/26/2018	4:45 PM	6:00 PM	WG Sec. Network Protectors C57.12.44	STNP	M. Faulkner	Conf. Center B (CL)
3/27/2018	9:30 AM	10:45 AM	WG 1-Ph Submersible Transf. C57.12.23	STNP	A. Traut	Conf. Center A (CL)
3/27/2018	11:00 AM	12:15 PM	WG Liquid-immersed Sec. Network TRs C57.12.40	STNP	B. Klaponski	Conf. Center A (CL)
3/27/2018	1:45 PM	3:00 PM	WG Submersible Transf. C57.12.24	STNP	G. Termini	Conf. Center A (CL)
3/28/2018	11:00 AM	12:15 PM	SC Submersible Transf. & Network Protectors	STNP	D. Mulkey	Monongahela (17)